

Claims

Please amend the claims as follows:

SUB  
B1  
A3

3. (Once amended) A computer-implemented method for making correct allele calls, comprising:  
receiving a signal representing nucleic acid information;  
determining a complexity for the signal; and  
making a correct allele call for the signal based on the determined complexity for the signal.

A4

6. (Once amended) The method of claim 3, wherein the signal is used to determine nucleic acid length, panel determination, and energy computation information.

SUB  
B2  
A5

14. (Once amended) A system for making correct allele calls, comprising:  
a processor configured to execute program instructions; and  
a memory containing program instructions for execution by the processor to  
receive a signal representing nucleic acid information,  
determine a complexity for the signal, and  
make a correct allele call for the signal based on the determined complexity for the signal.

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A6

15. (Once amended) The system of claim 14, wherein the signal is used to determine nucleic acid length, panel determination, and energy computation information.

Sub  
B3

A7

25. (Once amended) A computer-readable medium containing instructions for controlling a computer system to perform a method for making correct allele calls, the method comprising:

receiving a signal representing nucleic acid information;

determining a complexity for the signal; and

making a correct allele call for the signal based on the determined complexity for the signal.

A8

28. (Once amended) The method of claim 25, wherein the signal is used to determine nucleic acid length, panel determination, and energy computation information.

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